ed in NID File	.....	Checked by Chief	.....
ation Map Pinned	.....	Approval Letter	.....
Indexed	.....	Disapproval Letter	.....

COMPLETION DATA:

Date Well Completed 3-4-76 Location Inspected .....

OW..... WW..... TA.....

GW..✓... OS..... PA..... Bond released

State or Fee Land .....

LOGS FILED

Driller's Log.....✓

Electric Logs (No.) ✓.....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER Wildcat SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Klondike Unit

8. FARM OR LEASE NAME: [illegible] Unit Well

2. NAME OF OPERATOR: Mountain Fuel Supply Company

9. WELL NO.: 2

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 793' FEL, 1860' FSL NE SE
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E SLB&M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 16 miles south of Crescent Junction, Utah

12. COUNTY OR PARISH: Grand

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 527' -

16. NO. OF ACRES IN LEASE: 1500

17. NO. OF ACRES ASSIGNED TO THIS WELL:

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: - -

19. PROPOSED DEPTH: 5100'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 4765' graded

22. APPROX. DATE WORK WILL START*: When NID approved

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4	40.5	800'	558
8-3/4	5-1/2	17	5100	to be determined

We would like to drill the subject well to an estimated depth of 5100', anticipated formation tops are as follows: Entrada at the surface, Carmel at 120', Navajo at 220', Kayenta at 445', Wingate at 580', Chinle at 780', Shinarump at 1180', Moenkopi at 1255', White Rim at 1675', Cutler at 1935', Honaker Trail at 3115', Paradox at 4315', and Paradox salt at 4660'.

Mud will be adequate to contain formation fluids and blow out preventers will be checked daily.

Claire Adams 534-5342

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED R. D. Myers TITLE General Manager, Gas Supply Operations DATE Jan. 13, 1976

(This space for Federal or State office use)

PERMIT NO. 43-019-30212 APPROVAL DATE

APPROVED BY TITLE DATE

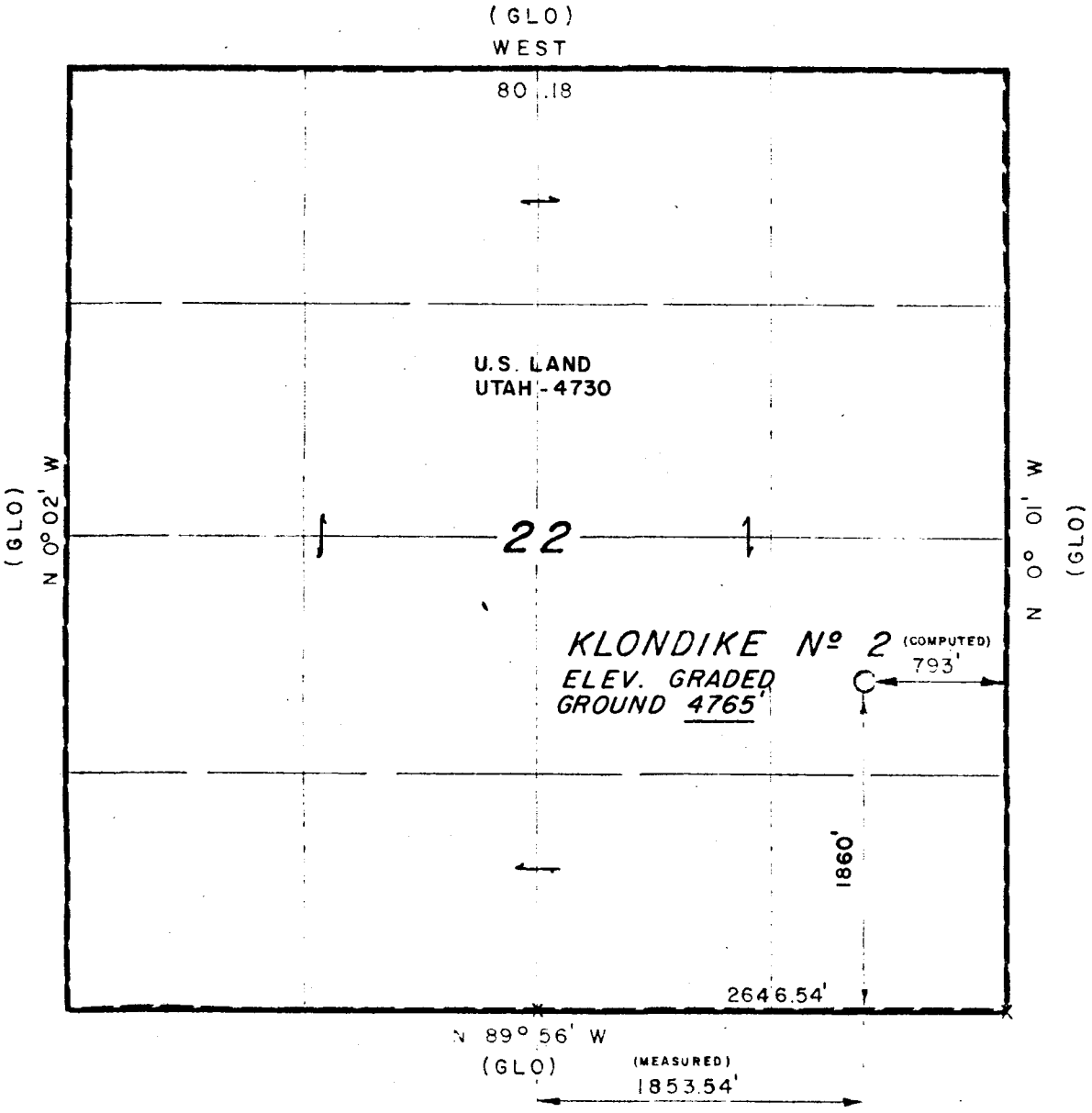
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T24S, R19E, S.L.B.& M.

MOUNTAIN FUEL SUPPLY COMPANY

Well location, Klondike Nº 2, located as shown in the NE 1/4 SE 1/4 Section 22, T24S, R19E, S.L.B.& M. Grand County, Utah



X= Section corners located.

WORK ORDER 22746

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dave Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'		DATE 1/2/76/	
PARTY GS B D SS		REFERENCES GLO PLAT	
WEATHER COLD & CLEAR		FILE MOUNTAIN FUEL	M-12047

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: January 14, 1976

Operator: Mountain Fuel Supply

Well No: Klondike Unit #2

Location: Sec. 22 T. 24S R. 19E County: Grand

File Prepared [✓] Entered on N.I.D. [✓]

Card Indexed [ ] Completion Sheet [✓]

Checked By:

Administrative Assistant:

Remarks:

Petroleum Engineer/Mined Land Coordinator:

Remarks:

Director:

Remarks:

Include Within Approval Letter:

Bond Required [ ] Survey Plat Required [ ]

Order No. _____ [ ] Blowout Prevention Equipment [ ]

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site [ ]

O.K. Rule C-3 [✓] O.K. In Klondike Unit [✓]

Other: [ ]

[✓] Letter Written

January 15, 1976

Mountain Fuel Supply Company
P.O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Klondike Unit #2
Sec. 22, T. 24 S, R. 19 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-019-30272.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

cc: U.S. Geological Survey

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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Approval notice - Utah State Oil and Gas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED _____ TITLE General Manager, Gas Supply Operations DATE Jan. 13, 1976

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JAN 20 1976
DIVISION OF OIL, GAS, & MINING

*See Instructions On Reverse Side

Well Name Klondike Well No. 2 Location NE SE 22-24S-19E

Grand County, Utah

Wellhead Equipment	Size	Pressure Rating	Pressure Test
Surface Casing Flange	10"	3000	6000
Casing Spool			
Tubing Spool	10" x 6"	3000	6000
Tubing Bonnet	2-1/2	3000	6000

Blow Out Preventers (Top to Bottom)	Size	PSI Rating	PSI Test	Bag	Rams
	10	3000	6000	X	
	10	3000	6000		4-1/2
	10	3000	6000		blind

Gas Buster: ___ Yes / X No

Degasser: ___ Yes / X No

Kill or Control Manifold

2" Size | 2000 Pressure Rating | 4000 Pressure Rating Test | No Hydraulic Valves

Auxiliary Equipment — Kelly Cock: X Yes / ___ No

Monitoring Equipment on Mud System: X Yes / ___ No

Full Opening Drill Pipe Stabbing Valve on Floor: X Yes / ___ No

Type of Drilling Fluid: X Water Base Mud | ___ Air | ___ Gas | ___ Oil Base Mud

Anticipated Bottom Hole Pressure: 2200 PSI

MOUNTAIN FUEL SUPPLY COMPANY

12 Point Surface Use Plan for

Well Location

Klondike No. 2

in

Section 22, T24S, R19E, S.L.B. & M

Grand County, Utah

1. Existing Road

To reach Mountain Fuel Supply Company well location, Klondike No. 2, located in Section 22, T24S, R19E, S.L.B. & M. proceed North from Moab, Utah on Route 160 for approximately 11.0 miles to Sevenmile canyon road and proceed 3.6 miles; exit at the South onto unimproved dirt road and proceed 1.0 mile; exit to the East onto the proposed access road and proceed 3.3 miles to said location.

2. Planned Access Road

As shown on the attached topo map the proposed access road will leave the location on the Northeast side and proceed Northeasterly 2.0 miles paralleling Bartlett Wash and crossing two drainages, then Westerly for 1.3 miles across Bartlett Wash and one major drainage to existing road. The access road will be a 20' wide road (20' total) with a side drain ditch on each side. Culverts will be placed as needed to maintain normal flows in existing drainages. Moderate earth movement requiring cuts and fills across natural ground to Bartlett Wash and up the East side of the Bartlett Wash drainage to the location site and installation of culverts in the major drainages will be necessary to construct the proposed access road. One mile of the existing road in Sections 3 and 10 T24S, R19E, S.L.B. & M. is to be improved with minor cuts and fills. (Cut on location site is shown on location layout sheet.)

3. Location of Existing Wells

There are no known wells within a radius of 3.0 miles. See location plat for placement of Klondike #2 within the section.

4. Lateral Roads to Well Locations

See attached Topo Map.

5. Location of Tank Batteries and Flowlines

A 300 barrel tank will be set up on the location site to handle condenstate in the event production is established. When the well is completed a well head, treater and tank battery will be set up on the location to handle the production. The location of flowlines to the tank battery and bleed off lines to the burn pit and other production facilities are to be contained on the location site.

6. Location and Type of Water Supply

Water used to drill this well will be hauled from a spring in the NE 1/4 NW 1/4 Section 23, T24S, R19E, S.L.B. & M. Said spring is to be improved by excavating a pond to store sufficient water to complete the well. Said spring is located approximately 1 mile Northeast of the prepared location site.

7. Methods for Handling Waste Disposal

All garbage and trash that can be burned shall be burned. All other types of waste such as non-burnable trash, well cuttings, drilling chemicals, and overflows of condensate shall be contained in the reserve pit and on completion of the well,

buried with a min. 2' of cover. A portable chemical toilet is to be supplied for human waste.

8. Location of Camps

There will be no camps.

9. Location of Airstrips

There will be no airstrips.

10. Location Layout

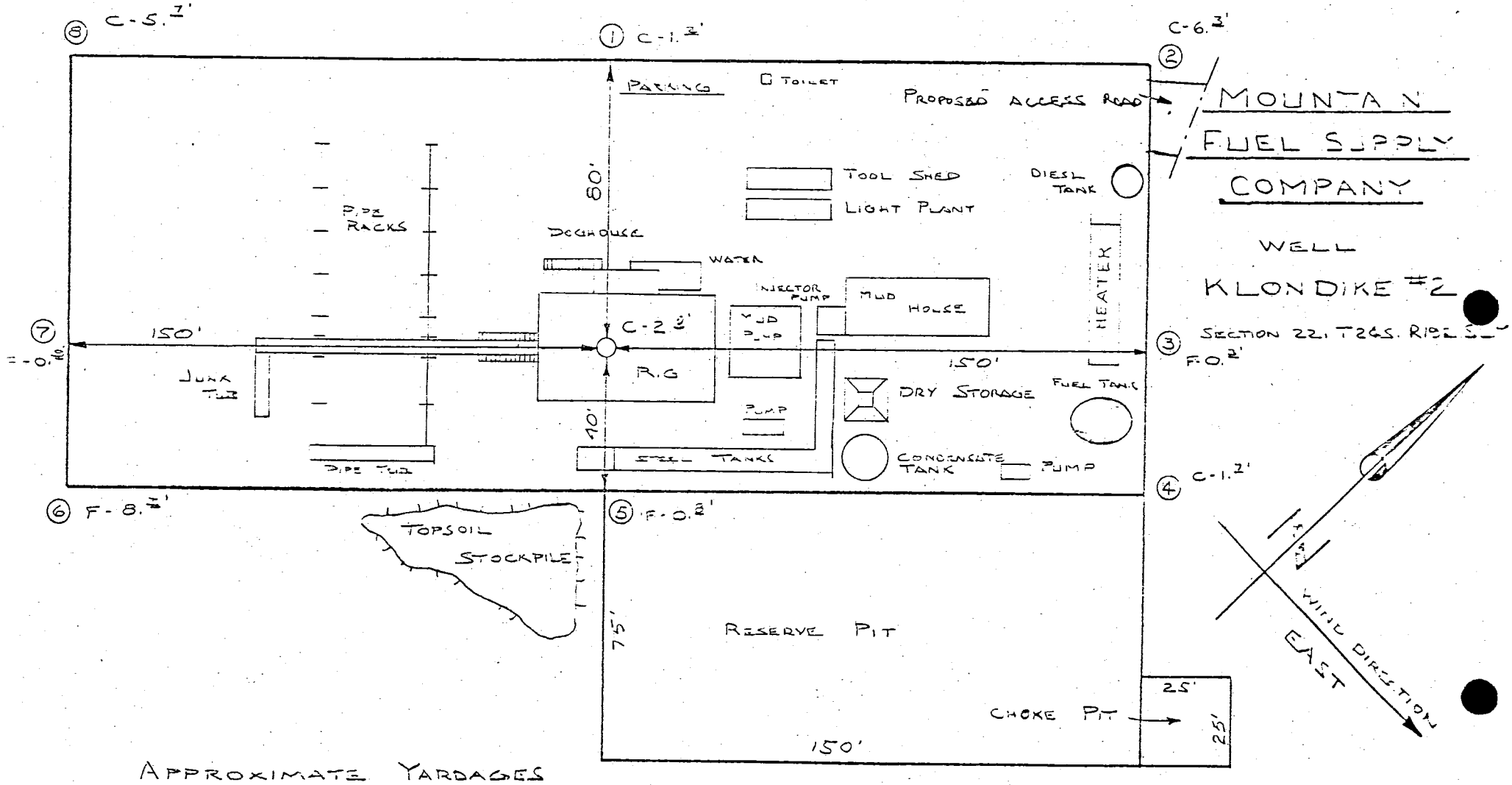
B.L.M. District Manager will be notified before any construction begins on the proposed location site. See attached location layout sheet.

11. Plans for Restoration of Surface

This well is located in an area with some topsoil. All topsoil will be stripped and stockpiled prior to construction and drilling; see attached location layout sheet). Some moderate land construction is anticipated as the proposed location will require cuts and fills to level the site. The well site and access road will be restored to the natural contour as soon as possible by spreading the stockpiles topsoil over the disturbed area and reseeded with a seed mixture of designated range grasses when moisture content of the soil is adequate for germination.

12. Topography

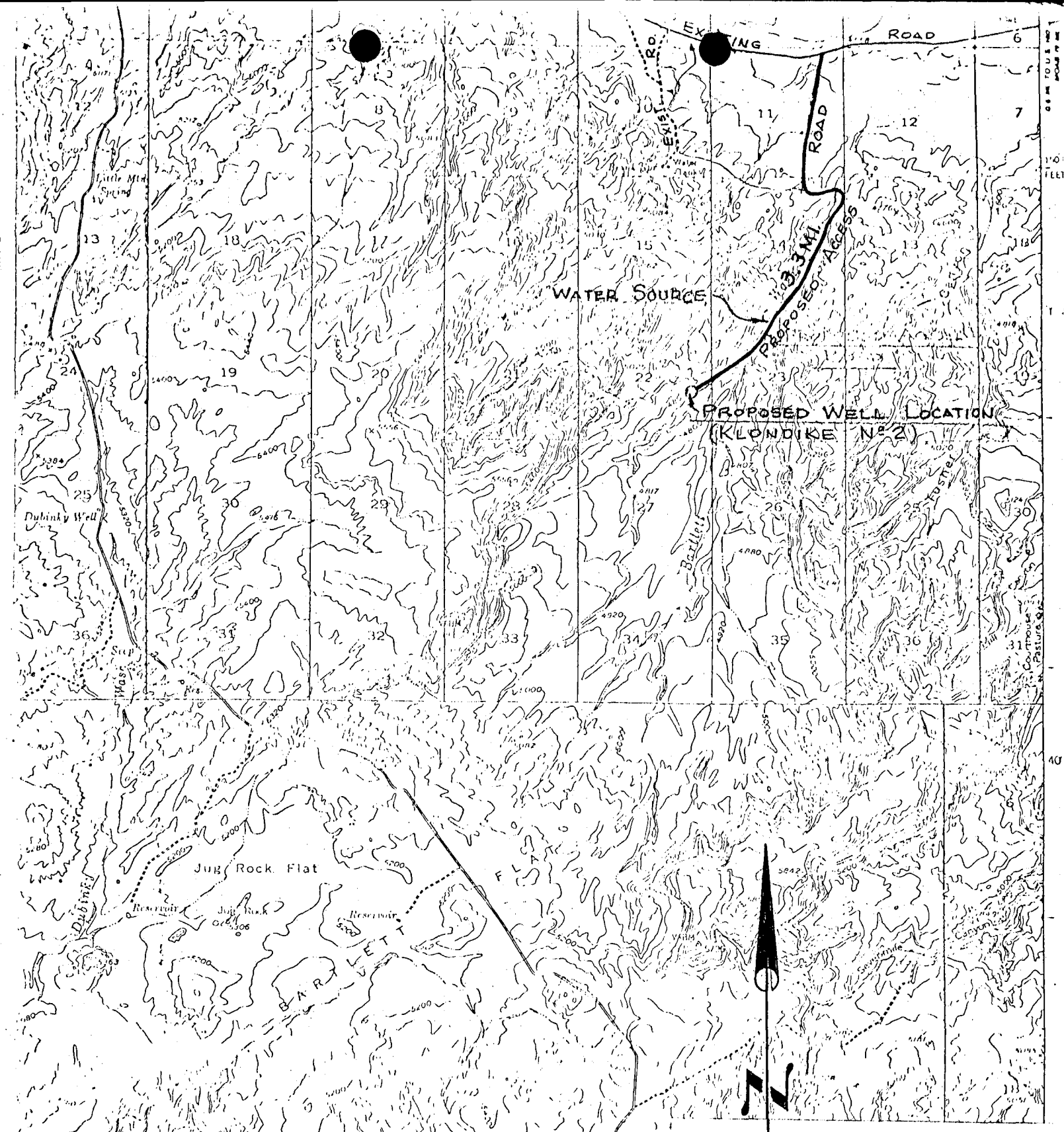
The location area is generally sloping Northeast consisting of draws and drainages along low steep hillsides that rise to large flats on top of the ridges. General drainage of the area trends Southwest-Northeast and is intermittent in Nature running occasionally in the spring time and then to the Northeast into Courthouse Wash. This arid to semi-arid area is sparsely vegetated with 5% Cedars, 25% Sagebrush and low deseret grasses, 70% bare sandy ground. The vegetation supports minimal cattle and sheep grasing. Wildlife is sparse, predominately deer, coyotes, and a variety of small mammals and birds in the areas where sufficient cover and water is available. The proposed access road and loation site will require the removal of a minimum of vegetation. The ground through the location slopes to the Southeast on approximately a 15% grade. Two large washes parallel the location on the North and on the South and converge to the Northeast of the location. Large rocky outcroppings and sandy ridges with little vegetation surround the location on all sides.



APPROXIMATE YARDAGES

CUT: 2045 CU. YDS.
FILL: 675 CU. YDS.

DATE 1-2-76
SCALE 1" = 40'



MOUNTAIN FUEL SUPPLY CO.
ROCK SPRINGS, WYO.

KLONDIKE WELL Nº 2
GRAND COUNTY, UTAH

PROPOSED ACCESS ROAD 3.3 MILES

SCALE 1" = 1-MILE

JAN 2, 1976

DWG Nº M-12048

From: Pat Brotherton

Rock Springs, Wyoming

To: T. M. Colson

January 15, 1976

Tentative Plan to Drill
Klondike Unit Well No. 2
Grand County, Utah

This well will be drilled to total depth by _____ Drilling Company. One work order has been originated for the drilling and completion of the well, namely 22746-2, Drill Klondike Unit Well No. 2. This well is located in the NE SE Sec. 22, T. 24 S., R. 19 E., Grand County, Utah. The well will be drilled to a total depth of 5100 feet. Surface elevation is at 4765 feet.

1. Drill a 15-inch hole to approximately 800 feet KBM through the Wingate formation. A geologist will be on location to pick the top of the Chinle formation.

2. Run and cement approximately 800 feet 10-3/4-inch O.D., 40.5-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 830 sacks of regular Type G cement which represents theoretical requirements plus 100 percent excess cement for 10-3/4-inch O.D. casing in 15-inch hole with cement returned to the surface. Cement will be treated with 3900 pounds Dowell D43A. Plan on leaving a 20 foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of ten casing collars and the guide shoe will be spot welded in the field. The bottom of the surface casing should be landed in such a manner that the top of the 12-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 125 barrels of mud. Capacity of the 10-3/4-inch O.D. casing is 78 barrels.

3. After a WOC time of 6 hours, remove landing joint. Install a NSCo. Type "B" 10-inch 3000 psi regular duty casing flange tapped for 10-3/4-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 4000 psi test) valve on one side of the casing flange and a 2-inch

extra heavy bull plug in the opposite side. Install adequate preventers. After a WOC time of 12 hours, pressure test surface casing and all preventer rams to 1000 psi for 15 minutes using rig pump and mud. The burst pressure rating for the 10-3/4-inch O.D. casing is 3130 psi. (Varies 1080 to 10,530)

4. Drill an 8-3/4-inch hole to a tentative total depth of 5100 feet or to such other depth as the Geological Department may recommend. A mud desander and desilter will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. A fully manned logging unit will be used from surface to total depth. 30 foot samples will be caught by the logging unit from surface to 800 feet and the logging unit will be responsible for catching 10 foot samples from 800 feet to total depth. The mud system will consist of properties adequate to allow the running of drill stem tests. Five drill stem tests are anticipated starting at a depth of approximately 1180 feet. Anticipated tops are as follows:

	Approximate Depth (Feet KBM)
Entrada	Surface
Carmel	120
Navajo	220
Kayenta	445
Wingate	580
Chinle	780
Shinarump	1,180
Moenkopi	1,255
White Rim	1,675
Cutler	1,935
Permian Carbonates	2,425
Honaker Trail	3,115
Paradox	4,315
Paradox Salt	4,660
Total Depth	5,100

Objective Reservoirs:		
	Navajo, Kayenta, Wingate	220 feet to 780 feet
	Shinarump	1180 feet to 1255 feet
	White Rim	1675 feet to 1935 feet
	Permian Carbonates	2425 feet to 3115 feet
	Honaker Trail	3115 feet to 4315 feet
	Paradox	4315 feet to 4660 feet

5. After reaching a total depth of approximately 5100 feet, run a dual induction laterolog (with 2-inch linear, 5-inch logarithmic) integrated sonic gamma ray-caliper log from surface to total depth. Run a sidewall neutron porosity gamma ray log from 1650 feet to total depth.

6. Assuming commercial quantities of gas and/or oil are present, go into hole with 8-3/4-inch bit and condition hole prior to running 5-1/2-inch O.D. casing. Pull and lay down drill pipe and drill collars.

7. Run 5-1/2-inch O.D. casing as follows:

   (Top of String in Well)

   A. 5050 feet 5-1/2-inch O.D., 17-pound, K-55, 8 round thread, LT&C casing.

   B. One Baker Type G float collar.

   C. One joint 5-1/2-inch O.D., 17-pound, K-55, 8 round thread, LT&C casing.

   D. One Baker guide shoe.

   Run the casing to bottom and pick up one foot. The casing will be cemented with 50-50 Pozmix cement. Cement requirements will be the actual volume as calculated from the caliper log plus 30% excess. Circulate 175 barrels mud prior to beginning cementing operations. The capacity of the 5-1/2-inch O.D. casing is 118 barrels. Rotate casing while circulating, mixing, and displacing cement. Displace cement with water.

8. Immediately after cementing operations are completed, land the 5-1/2-inch O.D. casing with full weight on slips and record indicator weight. Cut off the

5-1/2-inch O.D. casing and install a 12-inch 3000 psi by 6-inch 5000 psi NSCo. Type B tubing spool. Pressure test seals to 2000 psi for 5 minutes. The collapse pressure for the 5-1/2-inch O.D., 17-pound, K-55 casing is 4910 psi.

9. Install a 6-inch 5000 psi double gate preventer with blind rams in bottom and 2-7/8-inch rams in top.

10. Pick up a 4-3/4-inch bit and run on 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread, EUE tubing to plug back depth. Using pump truck and water, pressure test pipe rams and casing to 3000 psi for 15 minutes. The minimum internal yield for 5-1/2-inch O.D., 17-pound, K-55 casing is 5320 psi. Land the tubing on a H-1 tubing hanger and pressure test blind rams to 3000 psi for 15 minutes. Pull tubing, standing same in derrick.

11. After the above items have been evaluated, a tentative plan to complete the well will be finalized.

GENERAL INFORMATION

I. The following tubular goods have been assigned to the well.

Description	Approximate Gross Measurement (feet)	Availability
	Surface Casing	
10-3/4-inch O.D., 40.5-pound, K-55, 8 round thread, ST&C casing	900	Warehouse stock
	Production Casing	
5-1/2-inch O.D., 17-pound, K-55, 8 round thread, LT&C casing	5,300	Warehouse stock
	Production Tubing	
2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread, EUE tubing	5,300	Warehouse stock

II. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

III. Well responsibility: E. G. Mickel

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

II 066

Mountain Fuel Supply
Klondike #2 NESE
Sec 22-24s-19E
Grand County Utah

BLM - Negely
USGS - Alexander
Mtn-Fuel - Stewart

[@] Enhance
[ ] No Effect
[✓] Minor Impact
[X] Major Impact

		Construction				Pollution				Drilling Production						Transport Operations			Accidents		Others
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use	Forestry	NA																			
	Grazing	✓	0	/		/	/			/			/			/			/	/	
	Wilderness	NA																			
	Agriculture	NA																			
	Residential-Commercial	NA																			
	Mineral Extraction	NA																			
	Recreation	✓	0			/	/			/			/			/			/	/	
	Scenic Views	✓	/	/		/	/			/			/			/			/	/	
	Parks, Reserves, Monuments	NA																			
	Historical Sites	NA																			
	Unique Physical Features	NA																			
Flora & Fauna	Birds	✓		/			/			/			/						/		
	Land Animals	✓	/	/		/	/			/			/			/			/	/	
	Fish	NA																			
	Endangered Species	None known																			
	Trees, Grass, Etc.	✓	/	/		/	/									/			/	/	
Phy. Charact.	Surface Water	✓					/												/	/	
	Underground Water	?																			
	Air Quality	✓					/			/						/				/	
	Erosion	✓					/									/			/	/	
	Other																				
	Effect On Local Economy		0	0						0						0					
	Safety & Health	✓				/	/			/						/			/	/	
	Others	ORIG: FILE cc: Reg-DVR BLM-w/o MATRIX ✓ STATE OF G																			

Lease

Well No. & Location Klondike #2 NESE Sec 22-24s-19E

Grand County Utah

066

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

(1.) Mountain Fuel Supply Company proposes to drill an oil & gas test well with rotary tools to a depth of about 5700 feet.

(2.) proposes to construct a drill pad Approx 275'X120' proposes to construct a reserve pit Approx 75'x75'x6' deep.

(3.) Upgrade Approx 3 miles of existing trail from County road to location County road will need no upgrading.

2. Location and Natural Setting (existing environmental situation)

The location falls on a small ridge sloping generally Northeast to Courthouse wash. The small ridge will be mostly removed and flattened by the 6' to 8' cut needed to level the Location.

The vegetation is sparse. The usual deer, small game and birds, there also small predators such as Coyotes. No Known endangered species are Known to enhabit the area.

The area is generally used for cattle grazing and is considered moderate grazing land.

There are no Known Historical Sites that would be affected and no evidence of archeological Sites was noted.

3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas deposit would have moderate effect in that the character of the area would be changed. Improvement of the roads would benefit the grazing and recreation use of the land in that it would be more easily accessible. There would be moderate scaring of the area which would require 2 to 5 years to rehab. The drilling and associated traffic would add a minor amount of pollution to the air as well as temporarily disturbing livestock & wildlife. There would be minor induced and accelerated erosion due to surface disturbance and support traffic.

4. Alternatives to the Proposed Action

Not Approving the proposed permit. Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. No nearby locations could be found that would justify this action.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of livestock and wildlife.
Temporary mess due to drilling activity and requiring about 2-3 years to rehab.
Detraction from the aesthetics.
Minor air pollution due to exhaust emissions from Rig & Support traffic.
Minor Induced and accelerated errosion due to Surface disturbance and Support traffic use.

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 1-5-76

Inspector

U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

Kathy -
file in
Well file
K

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY / STATE)

TO R. G. Myers — DATE January 15, 1976

SUBJECT Tentative Plan to Drill
Klondike Unit Well No. 2
~~Grand County~~, Utah

Attached for your information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated December 11, 1975.

TMC/gm
Attachment
cc: J. T. Simon
B. W. Croft
E. R. Keller (6)
A. J. Marushack
A. K. Zuehlsdorff
Geology (2)
D. N. Rose
D. E. Dallas
A. J. Maser (3)
J. E. Adney
B. M. Steigleder
E. A. Farmer
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

A

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Mountain Fuel Supply Co.	LAB NO.	18926
OPERATOR	Mountain Fuel Supply Co.	REPORT NO.	2-276
WELL NO.	Klondike Well Unit No. 2	LOCATION	Sec. 22-24S-19E
FIELD	Wildcat	FORMATION	Paradox
COUNTY	Grand	INTERVAL	4426-4475
STATE	Utah	SAMPLE FROM	DST No. 5 (Sampler)
		DATE	February 27, 1976

REMARKS & CONCLUSIONS: Clear water.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	68736	2990.00	Sulfate	740	15.39
Potassium	1444	36.97	Chloride	152000	4286.40
Lithium			Carbonate	-	
Calcium	19578	976.94	Bicarbonate	61	1.00
Magnesium	3636	298.88	Hydroxide		
Iron	-		Hydrogen sulfide	-	
Total Cations		4302.79	Total Anions		4302.79

Total dissolved solids, mg/l	246164
NaCl equivalent, mg/l	248438
Observed pH	7.6

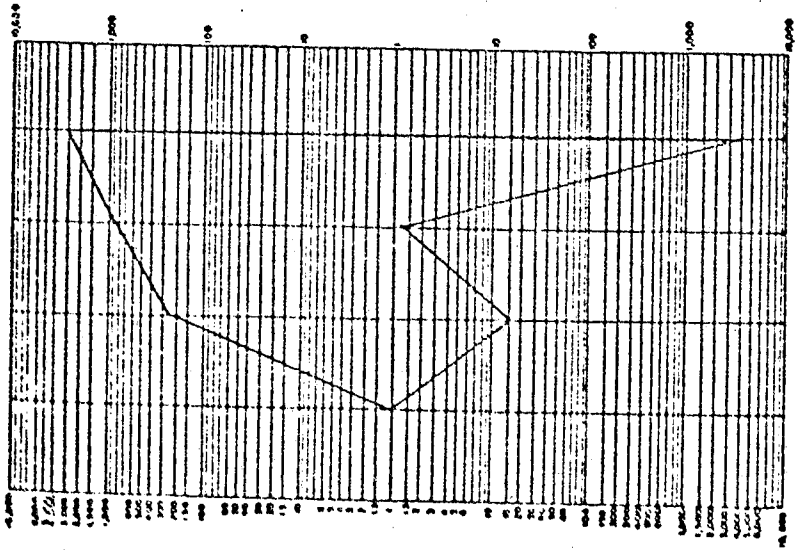
Specific resistance @ 68° F.:

Observed	0.054	ohm-meters
Calculated	0.046	ohm-meters

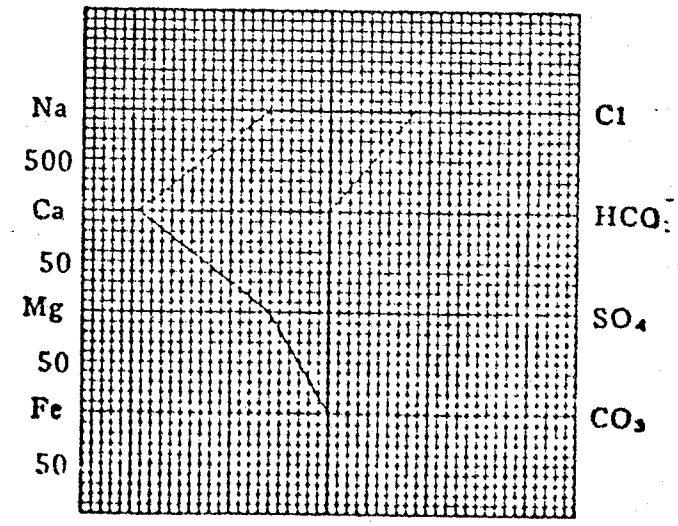
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter. Meq/l = Milligram equivalents per liter

Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CHEM LAB

Anal

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Mountain Fuel Supply Co.	LAB NO.	18956 REPORT NO. 3-276
OPERATOR	Mountain Fuel Supply Co.	LOCATION	Sec. 22-24S-19E
WELL NO.	Klondike Well Unit No. 2	FORMATION	Honaker Trail
FIELD	Wildcat	INTERVAL	3248-3316
COUNTY	Grand	SAMPLE FROM	DST No. 2 (Sample Chamber)
STATE	Utah	DATE	March 1, 1976

REMARKS & CONCLUSIONS: Cloudy water.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	11951	519.86	Sulfate	3180	66.14
Potassium	186	4.76	Chloride	18700	527.34
Lithium			Carbonate	-	
Calcium	1004	50.10	Bicarbonate	525	8.61
Magnesium	333	27.37	Hydroxide		
Iron	present	present	Hydrogen sulfide	-	
Total Cations		602.09	Total Anions		602.09

Total dissolved solids, mg/l	35613
NaCl equivalent, mg/l	34189
Observed pH	8.1

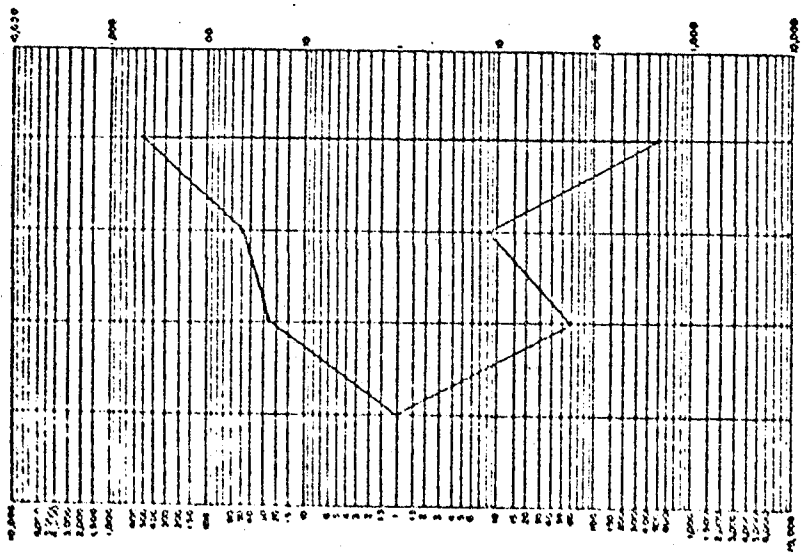
Specific resistance @ 68° F.:

Observed	0.210	ohm-meters
Calculated	0.205	ohm-meters

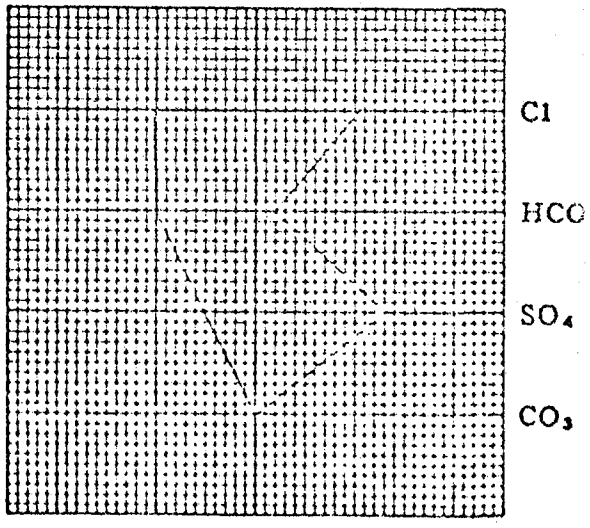
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter. Meq/l = Milligram equivalents per liter

Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT - " for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E SLB&M

14. PERMIT NO.: API No.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 4765'

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Depth 114', drilling.

Spudded January 25, 1976 at 2 p.m.

U.S.G.S. notified by telephone of spud date.

RECEIVED
JAN 28 1976
DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE General Manager, Gas Supply Operations DATE Jan. 26, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

K

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO Kathy FOR FILING

February 5, 1976

MEMO FOR FILING

Re: Mountain Fuel Supply Co.
Klondike Unit #2
Sec. 22, T. 24 S., R. 19 E.
Grand County, Utah

An inspection was made on the Arapahoe Drilling Company rig #7, at the above location.

On February 4, 1976, the rig was in overall good condition with only a few minor discrepancies noted. At the time of the visit, T.D. was 1721' and the operator was in the process of running a drill stem test of the White Rim Formation.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-019-30272	GR 4765'	Grand	Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Depth 1870', drilling.

Landed 10-3/4" surface casing at 478.00' and wet with 457 sacks of cement.

DST #1: 1671-1721', White Rim, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 3 hrs, opened with very weak blow continuing on both openings, no gas, recovered 93' mud. IHP 780, IOFP's 7-20, ISIP 492, FOFP's 26-59, FSIP 492, FHP 780.

RECEIVED
FEB 9 1976
DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. S. Myers TITLE General Manager, Gas Supply Operations DATE 2-4-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL · NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E.,SLB&M

14. PERMIT NO.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 4765'

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			XX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TD 3510', drilling.

DST #2: 3248-3316', Honaker Trail, IO 1/2 hr, ISI 1 hr, FO 2-1/2 hrs, FSI 4-1/2 hrs, opened strong, no gas, reopened strong decreasing to weak in 1/2 hr, dead in 1 hr, no gas to surface, recovered 2811' mud cut water, IHP 1564, IOFP's 167-1184, ISIP 1249, FOFP's 1249-1263, FSIP 1263, FHP 1578.

DST #3: 3384-3403', Honaker Trail, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 3 hrs, opened very weak, dead in 5 minutes, no gas, reopened dead, continued, no gas, no recovery, IHP 1590, IOFP's 0-0, ISIP 0, FOFP's 0-0, FSIP 0, FHP 0.

RECEIVED
FEB 13 1976
DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED G. D. Myers TITLE General Manager, Gas Supply Operations DATE 2-10-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL · NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 4778.50' GR 4765'

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Depth 4522', making DST #6.

Landed 462.85' net, 465.85' gross of 10-3/4"OD, 40.5#, K-55, 8rd thd, ST&C casing at 476.35' KBM and cemented with 457 sacks of cement.

DST #4: 4318-4338', Honaker Trail, IO 1/2 hr, ISI 1 hr, FO 1 hr, FSI 2 hrs, opened very weak, dead in 20 minutes, no gas, reopened dead, no gas, recovered 6' mud cut water, IHP 2023, IOFP's 0-0, ISIP 1708, FOFP's 26-53, FSIP 1708, FHP 2023.

DST #5: 4426-4475', Paradox, IO 1/2 hr, ISI 1 hr, FO 2 hrs, FSI 3-3/4 hrs, opened with medium blow, no gas, reopened with fair blow decline to weak blow in 1/2 hr, no gas, recovered 143' mud, 180' gas and oil cut water, and 120' oil cut mud, IHP 2058, IOFP's 53-119, ISIP 846, FOFP's 159-292, FSIP 1294, FHP 2058.

RECEIVED
FEB 19 1976
DIVISION OF OIL, GAS, & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. L. Rigby TITLE General Manager, Gas Supply Operations DATE 2-17-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 4778.50' GR 4765'

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Depth 5252', drilling.
We would like to continue drilling to an approximate depth of 7000' or through salt.

DST #6: 4498-4522', Paradox, IO 1/2 hr, ISI 1-1/2 hrs, FO 2 hrs, FSI 3-3/4 hrs, opened very weak, reopened dead, no gas, recovered 3' mud.
IHP 2111, IOFP's 26-26, ISIP 26, FOFP's 26-26, FSIP 26, FHP 2111.
DST #7: 4626-4650', Paradox, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 2-1/2 hrs, opened very weak, no gas, reopened dead, no gas, recovered 3' mud.
IHP 2150, IOFP's 0-0, ISIP 0, FOFP's 0-0, FSIP 0, FHP 2150.
DST #8: 4662-4758', Paradox, IO 1/2 hr, ISI 1 hr, FO 1-1/2 hrs, FSI 3 hrs, opened weak, no gas, reopened dead, recovered 5' mud.
IHP 2177, IOFP's 0-0, ISIP 0, FOFP's 0-0, FSIP 0, FHP 2164.
DST #9: 4425-4444', Paradox straddle test, IO 1/2 hr, ISI 2 hrs, FO 2 hrs, FSI 3-3/4 hrs, opened moderate, reopened weak, no gas, bottom packer did not hold, recovered 186' gas cut mud, 246' gas & oil cut mud, and 155' gas & oil cut water, IHP 2058, IOFP's 106-212, ISIP 1715, FOFP's 212-292, FSIP 1649, FHP 1649.
DST #10: 1668-1685', White Rim hook wall test, mis-run, no packer seat.
DST #11: 1672-1686', White Rim hook wall test, mis-run, no packer seat.

18. I hereby certify that the foregoing is true and correct

SIGNED G. D. Myers TITLE General Manager, Gas Supply Operations DATE Feb. 23, 1976

(This space for Federal or State office use)

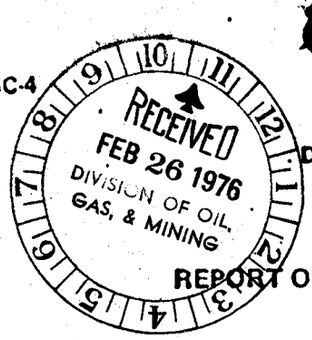
APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
FEB 25 1976
DIVISION OF OIL, GAS, & MINING

*See Instructions on Reverse Side

Form DOGC-4



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No._____
Federal Lease No. U-4730
Indian Lease No._____
Fee & Pat._____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of: _____, 19____.

Agent's Address P.O. Box 11368
Salt Lake City, Utah 84139

Phone No. 328-8315

Company Mountain Fuel Supply Company
Signed J. Murphey
Title Chief Accountant

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
				U-4730 - Klondike Unit Well No. 2						
NE SE 22	24S	19E	2	0	0	0	0	0	0	Spud January 25, 1976 604' - Drilling

GAS: (MCF)
Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED IN DUPLICATE*

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
793' FEL, 1860' FSL, NE SE

5. LEASE DESIGNATION AND SERIAL NO.
U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Klondike Unit

8. FARM OR LEASE NAME
Unit Well

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE SE 22-24S-19E., SLB&M

14. PERMIT NO.
43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 4778.50' GR 4765'

12. COUNTY OR PARISH
Grand

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)	☐			(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TD 7830', PBD 0', rig released March 4, 1976, well plugged and abandoned as follows:

Plug No. 1: 5720-5620', 40 sacks
Plug No. 2: 4750-4500', 70 sacks
Plug No. 3: 3100-2950', 65 sacks
Plug No. 4: 1620-1520', 40 sacks
Plug No. 5: 480- 400', 35 sacks
Plug No. 6: 10 sacks into top of surface pipe

All plugs regular cement salt saturated.

A regulation abandonment marker will be installed and the location cleaned at a later date.

18. I hereby certify that the foregoing is true and correct

SIGNED G. D. Myers TITLE General Manager, Gas Supply Operations DATE March 8, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PI

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER: Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 4778.50' GR 4765'

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

RECEIVED
MAR 8 1976
DIVISION OF OIL, GAS, & MINING

TD 7830'.

Verbal approval was granted on 3-3-76 during a telephone conversation between Mr. Guynn with the U.S.G.S. and Mr. Brotherton with Mt. Fuel and between Mr. Feight with the Utah Oil & Gas Conservation Division and Mr. Zubatch with Mt. Fuel to plug and abandon the subject well by laying the following plugs:

Plug No. 1: 4750-4500', 70 sacks - regular cement salt saturated
Plug No. 2: 3100-2950', 65 sacks
Plug No. 3: 1620-1520', 40 sacks
Plug No. 4: 480- 400', 35 sacks
Plug No. 5: 10 sacks into top of surface pipe

A regulation abandonment marker will be installed and the location cleaned.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE General Manager, Gas Supply Operations DATE March 4, 1976

(This space for Federal or State office use)

APPROVED BY ~~Mar 8~~ Pat Driscoll for TITLE Pet Engr. DATE March 8

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

PI

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT —" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

7. UNIT AGREEMENT NAME: Klondike Unit

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Unit Well

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 793' FEL, 1860' FSL · NE SE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.: 43-019-30272

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 4778.50' GR 4765'

12. COUNTY OR PARISH: Grand

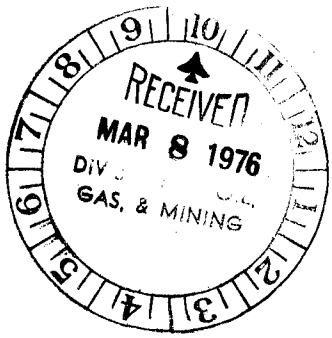
13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Supplementary history			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

TD 7810', logged, now circulating.



18. I hereby certify that the foregoing is true and correct

SIGNED A. E. Wyss TITLE General Manager, Gas Supply Operations DATE March 3, 1976

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-68)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.: U - 4730

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

RECEIVED MAR 12 1976 DIVISION OF OIL, GAS, & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

7. UNIT AGREEMENT NAME: Klondike Unit

8. FARM OR LEASE NAME: Unit Well

9. WELL NO.: 2

2. NAME OF OPERATOR: Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR: P. O. Box 1129, Rock Springs, Wyoming 82901

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 793' FEL, 1860' FSL NE SE
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE SE 22-24S-19E., SLB&M

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-019-30272		Grand	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-25-76	3-2-76	3-4-76	KB 4778.50' GR 4765'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7830'	0		→	0-7830'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Dry

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, Dual Laterolog, Comp Formation Density, BHCGRS

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5	476.35'	14-3/4	457	0
			7-7/8		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
D & A		

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Logs as above, Well Completion and Well Lithology will be sent at a later date.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. L. Myers TITLE General Manager, Gas Supply Operations DATE March 9, 1976

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Log tops:		
Carmel	0'	
Navajo	90	
Kayenta	536	
Wingate	593	
Chinle	940	
Shinarump	1355	
Moenkopi	1938	
White Rim	1575	
Cutler	1720	
Honaker Trail	3097	
Paradox	4426	
Paradox Salt	4750'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

GPO 870-401

COMPLETION REPORT

Well: Klondike Unit Well No. 2 Date: March 15, 1976

Area: Klondike Lease No: U - 4730

[X] New Field Wildcat [ ] Development Well [ ] Shallower Pool Test

[ ] New Pool Wildcat [ ] Extension [ ] Deeper Pool Test

Location: 793 feet from east line, 1860 feet from south line

NE ¼ SE ¼

Section 22, Township 24S, Range 19E

County: Grand State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 4777 Graded Gr 4765 Total Depth: Driller 7810 Log 7830 - not logged 7321

Drilling Commenced: January 25, 1976 Drilling Completed: March 4, 1976

Rig Released: March 4, 1976 10:30 PM Well Completed: March 4, 1976

Sample Tops: (unadjusted)

		Log Tops:	
	Carmel	Surface	
80	Navajo	90	+4687
494	Kayenta	536	+4241
662	Wingate	593	+4184
972	Chinle	940	+3837
1364	Shinarump	1355	+3422
1440	Moenkopi	1398	+3379
1669	White Rim	1575	+3202
1762	Cutler	1720	+3057
3100	Honaker Trail	3097	+1680
4416	Paradox	4426	+351
4751	Salt	4750	+27
TD	Driller	7830	-53

Sample Cuttings: Went to Amstrat, Denver & Mountain Fuel's Core Lab.

Status: None

Producing Formation: None

Perforations: None

Stimulation: None

Production: None

Plug Back Depth: None

Plugs: 1) 5720'-5620'; 2) 4750'-4500'; 3) 3100'-2950'; 4) 1620'-1520'; 5) 480'-400'; 6) 10 sacks into top of surface pipe, all plugs regular cement salt saturated.

Hole Size: 14 3/4" to 478', 7 7/8" to 7830' TD.

Casing/~~Tubing~~: 10 3/4" at 478' driller, 480' logger

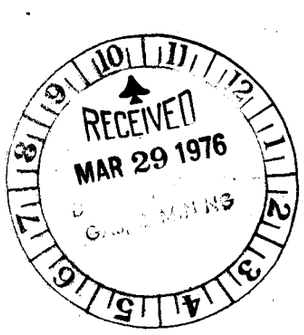
Logging - Mud: Surface - 7830' TD Dolco Geo-Engineering

Mechanical: Schlumberger - GRN 6320'-7821'; DLL 4450'-7808'; DIL 480'-4760'; FDC 2900'-4765'; 1600'-1800'; BHC-GR 50'-7822'.

Contractor: Arapahoe

Completion Report Prepared by: C. M. Krivanek

Remarks: The well was taken over by Buttes Oil and Gas Minerals Division at 4753' and drilled from 4753' to 7830' TD. The lower part of the hole is designated Buttes Oil and Gas #2 Potash.



COMPLETION REPORT (cont.)

Well: Klondike Well No. 2

Area: Paradox Basin

Cored Intervals (recovery):

Tabulation of Drill Stem Tests:

No.	Interval	IHP	IFP (min.)	ISIP (min.)	FFP (min.)	FSIP (min.)	FHP	Samples Caught	Remarks
1	1671-1721	778	5-18 (30)	495 (59)	25-54 (90)	487 (181)	778	Mud	White Rim fm; Rec. 93' mud, 2000cc mud at 10 psig sample chamber; initial open, weak blow and continued throughout test; final open, weak blow and continued throughout test. No gas to surface.
2	3246-3316	1555	209-Q-1164 (28)	1259 (57)	1181-1266 (141)	1269 (254)	1550	Mud, Muddy Water	Honaker Trail fm; Rec. 400' muddy water; 2411' muddy, brackish water. Initial open with strong blow decreasing to moderate in 15 minutes, weak in 30 minutes dead in 60 minutes. Final open with strong blow, decreasing to moderate in 15 minutes and very weak in 30 minutes.
3	3384-3403	1609	0 (30)	0 (60)	0 (90)	0 (180)	1593	None	Honaker Trail fm; Initial open with weak blow, dead in 5 minutes. Final open dead.
4	4318-4338	2023	12-26 (30)	1710 (50)	33-60 (61)	1724 (120)	2033	Muddy Water	Honaker Trail fm; Rec. 60' muddy water; Initial open with weak blow, dead in 20 minutes. Final open dead.
5	4426-4475	2067	20-138 (30)	879 (58)	191-305 (124)	1313 (222)	2067	Muddy Water & Oil Cut	Paradox fm; Rec. 243' drilling mud and water, 180' gas cut mud and oil, 120 muddy water, total fluid 543'. Initial open with fair blow, continued through out for 30 minutes. Final open with fair blow, decreasing to weak blow in 30 minutes, continued to weaken through out test. No gas to surface.

COMPLETION REPORT (cont.)

Well: Klondike Well No. 2

Area: Paradox Basin

Cored Intervals (recovery):

Tabulation of Drill Stem Tests:

No.	Interval	IHP	IFP (min.)	ISIP (min.)	FFP (min.)	FSIP (min.)	FHP	Samples Caught	Remarks
6	4498-4522	2114	20-20 (30)	27 (90)	25-23 (120)	28 (225)	2114	Mud	Paradox fm; Rec. 3' drilling mud; initial open with very weak blow continued through out test. Final open dead.
7	4626-4650	2175	9 - 9 (30)	11 (60)	11-11 (90)	12 (150)	2163	None	Paradox fm; No. recovery. Initial open very weak, dead in 20 minutes. Final open dead, remainded dead.
8	4662-4756	2200	16-16 (30)	24 (60)	17-17 (90)	24 (180)	2176	Mud	Paradox fm; Rec. 5' drilling mud. Initial open with weak blow, continued throughout test. Final open dead, remained dead.
*9	4425-4444	2067	123-210 (28)	1711 (121)	227-294 (124)	1660 (222)	2058	Muddy Water & Oil Cut	Paradox fm; Rec. 587' total fluid, 186' slightly gas cut mud, 246' slightly o gas cut mud, 155' slightly oil gas cut water; charts indicated bottom packer did not hold.
*10	1668-1685	738	--	--	--	--	738	--	Misrun, packer failed.
*11	1672-1687	739	239-476	--	--	--	739	--	Misrun, packer failed.

* Straddle Test

FIELD Wildcat [redacted] Utah COUNTY Grand [redacted] SEC. 22 T. 24S R. 19E

COMPANY Mountain Fuel Supply FARM Klondike Unit WELL NO. 2

LOCATION C NE¼ SE¼ ELEV. 4760'

DRILLING COMMENCED 1/25/76 COMPLETED 3/3/76

RIG RELEASED 3/4/76 TOTAL DEPTH 7830'

CASING RECORD 10 3/4 at 481'

TUBING RECORD

PERFORATIONS

I. P. GAS OIL

SANDS

SHUT-IN SURFACE PRESSURES

REMARKS D & A

	FROM	TO
No samples.	0	50
Shale, siltstone, red to brown, calcareous, sandy, very argillaceous, ferruginous, soft to firm; some inter-bedded sandstone, pink, orange, very fine-grained to fine-grained, slightly calcareous, very argillaceous, ferruginous, sub-rounded to sub-angular, fairly well sorted to poorly sorted, tight.	50	80
Sandstone, tan, cream, very fine-grained to fine-grained, slightly calcareous, clean with occasional black inclusions, sub-rounded to sub-angular, fairly well sorted to poorly sorted, tight, friable.	80	160
Sandstone, cream, very fine-grained to medium-grained, very slightly calcareous, siliceous, clean, sub-rounded to sub-angular, well sorted to poorly sorted, very friable with no fluorescence. Trace of white, soft, chalky kaolinite, abundant rounded, unconsolidated quartz grains. Very poor samples.	160	260
Sandstone, white, salmon pink, very fine-grained to medium-grained, siliceous, clean, rounded to sub-angular, fairly well sorted, very hard, tight.	260	280
Sandstone, cream, tan, light gray, very fine-grained to fine-grained, slightly calcareous, sub-rounded, well sorted, tight, friable, with occasional black inclusions. Trace of white, soft, chalky kaolinite or gypsum.	280	350
Sandstone, cream, light gray, very fine-grained to medium-grained, slightly calcareous, siliceous, rounded to sub-angular, fairly well sorted to poorly sorted, friable with occasional black inclusions. Trace of white, soft, chalky kaolinite or gypsum.	350	416
Siltstone, red to brown, purple, very sandy, slightly calcareous, with some black inclusions.	416	432
Sandstone, tan, cream, light gray, light green, pink, very fine-grained to medium-grained, slightly calcareous, clean with some black inclusions; sub-rounded to sub-angular, poorly sorted, tight.	432	494
Siltstone, shale, red to brown, purple, soft, argillaceous, ferruginous, micro-micaceous.	494	498

RECEIVED
MAR 29 1976
DIVISION OF OIL, GAS & MINING

	FROM	TO
Sandstone, pink, rounded to sub-angular, unconsolidated quartz grains.	498	524
Shale, red to brown, very silty, ferruginous, micro-micaceous, soft.	524	544
Siltstone, red to brown, brown, slightly calcareous, very argillaceous, ferruginous, micro-micaceous, sandy, tight, with some grading to sandstone.	544	570
Sandstone, salmon pink, brown, red to brown, very fine-grained to medium-grained, slightly calcareous, fairly well sorted to poorly sorted, sub-rounded to sub-angular with no fluorescence, becoming very silty, some light gray, pale green. Trace of white, soft, chalky gypsum.	570	616
Shale, red to brown, very argillaceous, ferruginous, micro-micaceous, firm, fissile to blocky.	616	664
Sandstone, white, fine-grained to medium-grained, clean, white, with clay matrix, sub-rounded to sub-angular, fairly well sorted, very friable.	664	676
Sandstone, abundant with some thin bedded, interbedded shale, red, very argillaceous, ferruginous, claystone.	676	710
Sandstone, predominantly white, fine-grained to medium-grained, with green and white, chalky matrix, sub-rounded to sub-angular, fairly well sorted to poorly sorted, very friable, micaceous, some red to brown, argillaceous, ferruginous.	710	760
Sandstone, white, light gray, pale green, very fine-grained to medium-grained, sub-rounded to sub-angular, clean, fairly well sorted to poorly sorted, micaceous.	760	800
Sandstone, predominantly salmon pink, orange, fine-grained to medium-grained, silty in part with occasional black inclusions, well sorted, sub-rounded, friable. Trace of white, soft, chalky gypsum; brown, to red, sandy, micro-micaceous siltstone.	800	888
Sandstone, predominantly orange, salmon pink, very fine-grained to medium-grained, ferruginous, sub-rounded to sub-angular, fairly well sorted to poorly sorted, tight, friable, with some thin bedded siltstone, red to brown, light green, purple, very argillaceous, sandy, micro-micaceous, hard, tight. Trace of white, angular, translucent chert; some shale, red to brown, green, very argillaceous with black inclusions.	888	972
Limestone, gray, pink, yellow, purple, red to brown, dense, very fine crystalline to coarse crystalline and sucrosic; some interbedded silt and siltstone.	972	1002
Siltstone, red to brown, orange, very argillaceous, sandy, micro-micaceous, firm.	1002	1008
Limestone, varigated, predominantly gray, dense, very fine crystalline to micro-crystalline, blocky; trace of chert.	1008	1046
Siltstone, red to brown, orange, calcareous, sandy to shaly, micro-micaceous, tight.	1046	1054
Limestone, varigated, very argillaceous, very fine crystalline to micro-crystalline, chalky, earthy, some interbedded, thin bedded siltstone.	1054	1098
Siltstone, orange, red to orange, gray, very argillaceous, ferruginous, slightly calcareous, sandy.	1098	1106
Limestone, varicolored, dense, very fine crystalline, some sucrosic and chalky, earthy, soft, palty to blocky; with interbedded shale and siltstone, red to brown, orange, argillaceous, ferruginous, sandy, slightly calcareous, firm with some black inclusions.	1106	1200

	FROM	TO
Siltstone, gray to green, gray, argillaceous, sandy to shaly, micro-micaceous with occasional black inclusions, some interbedded shale laminations, gray,green, orange, sub-waxy to silty, slightly calcareous with black inclusions.	1200	1250
Shale, predominantly gray to green, gray with some red to brown, very argillaceous, slightly calcareous, micro-micaceous, firm, fissile to blocky; some grading to siltstone and shaly limestone.	1250	1310
Siltstone, predominantly red to brown, orange, very sandy to shaly with limestone nodules.	1310	1328
Shale, gray, gray to green, red, very argillaceous, earthy to sub-waxy, very calcareous, some very silty.	1328	1362
Sandstone, gray, yellow, very fine-grained to fine-grained, very slightly calcareous, pyritic, micaceous, sub-rounded, fairly well sorted, friable with no fluorescence. Trace of yellow, clear, angular chert.	1362	1398
Limestone, gray, dense, micro-crystalline, dolomitic, thin bedded; some interbedded shale and siltstone.	1398	1422
Shale, gray, gray to green, argillaceous, silty to sub-waxy, calcareous, firm.	1422	1434
Shale, predominantly red, red to brown, argillaceous, ferruginous, medium hard, silty with some gray, gray to green, argillaceous, sub-waxy, micro-micaceous; abundant interbedded siltstone, red to brown, argillaceous, shaly to sandy, slightly calcareous, tight.	1434	1502
Sandstone, white, gray, buff, very fine-grained, slightly calcareous, sub-rounded to sub-angular, fairly well sorted, friable with some grading to siltstone and shale as above.	1502	1534
Shale, red to brown, very argillaceous, ferruginous, very silty to sandy, firm, platy to blocky, micro-micaceous, limey in part with some grading to limestone and thin bedded siltstone.	1534	1594
Sandstone, red to brown, orange, very fine-grained to medium-grained, very argillaceous, shaly to silty, sub-rounded to poorly sorted, tight, micaceous, conglomeratic.	1594	1616
Sandstone, orange, red to brown, silty to very fine-grained, argillaceous, ferruginous, slightly micaceous, well sorted to poorly sorted, tight, shaly in part.	1616	1666
Sandstone, white, pink, very fine-grained to coarse-grained, slightly calcareous, clean, rounded to sub-angular, poorly sorted, very friable with fair intergrandular porosity; scattered, yellow fluorescence, very faint cut; abundant white, soft, chalky gypsum.	1666	1724
Sandstone as above.	1724	1762
Shale, gray to green, argillaceous, sub-waxy with black inclusions, micro-micaceous, firm, becoming very silty.	1762	1786
Siltstone, orange, red to brown, very argillaceous, micaceous, pyritic, shaly to sandy, firm.	1786	1814
Shale, gray, green, argillaceous, earthy to sub-waxy, firm.	1814	1838
Sandstone, red to brown, orange, silty, very fine-grained, slightly calcareous, micro-micaceous, tight, with some interbedded shale as above.	1838	1860
Shale, predominantly green, argillaceous, sub-waxy, firm, with some black inclusions; trace of white chert.	1860	1912
Siltstone, red to brown, argillaceous, ferruginous, slightly calcareous.	1912	1920

FARM Klondike Unit WELL NO. 2

COMPANY Mountain Fuel Supply Company

	FROM	TO
Sandstone, clear to orange, large rounded to sub-angular, unconsolidated quartz grains, appears poorly sorted.	1920	1950
Siltstone, red to brown, argillaceous, ferruginous, sandy, micaceous.	1950	1966
Sandstone, clear to orange, very fine-grained to coarse-grained, rounded to sub-angular, unconsolidated quartz grains.	1966	1984
Siltstone, red to brown, very argillaceous, ferruginous, very sandy, slightly calcareous, clean, sub-rounded, well sorted, tight; abundant with gypsum.	1984	2010
Sandstone, orange, very fine-grained to coarse-grained, rounded to sub-rounded, unconsolidated quartz grains, appears poorly sorted.	2010	2034
Siltstone, red to brown, argillaceous, micaceous, shaly, tight.	2034	2040
Sandstone, orange, coarse-grained, unconsolidated, rounded to sub-rounded; trace of pink, soft, chalky gypsum and anhydrite.	2040	2064
Shale, red to brown, very argillaceous, ferruginous, silty, micaceous.	2064	2078
Sandstone, orange, very fine-grained to coarse-grained, rounded to sub-rounded, unconsolidated quartz grains, appears poorly sorted.	2078	2108
Siltstone, red to brown, very argillaceous, ferruginous, micaceous, slightly calcareous, very sandy, soft, friable; trace of clear to orange chert.	2108	2126
Sandstone, orange, medium to coarse-grained, unconsolidated, rounded to sub-rounded quartz grains; some clear clusters with gilsonite inclusions.	2126	2158
Siltstone, red to brown, argillaceous, ferruginous, very sandy, clean.	2158	2184
Limestone, pink, gray, white, dense, very fine crystalline to chalky, soft, with dull yellow mineral fluorescence; trace of chert.	2184	2204
Sandstone, pink, orange, clear, fine-grained to coarse-grained, sub-angular, unconsolidated quartz grains; some interbedded shale and siltstone.	2204	2234
Sandstone, as above with interbedded shale, green, gray, brown, very argillaceous, sub-waxy to silty, firm; trace of chert, clear to orange, angular.	2234	2282
Siltstone, orange, brown, very calcareous, argillaceous, sandy, tight, slightly micaceous.	2282	2308
Sandstone, orange, clear, fine-grained to coarse-grained, sub-rounded to sub-angular, poorly sorted, unconsolidated.	2308	2336
Siltstone, orange, red to brown, very argillaceous, ferruginous, calcareous, sandy, very micaceous, tight.	2336	2352
Siltstone and sandstone, as above, with some interbedded, thin bedded shale, gray, green, argillaceous, sub-waxy, micro-micaceous with black inclusions.	2352	2378
Siltstone, red to brown, orange, very argillaceous, sandy, shaly, micaceous, firm.	2378	2404
Sandstone, orange, clear, frosted, fine-grained to coarse-grained, sub-rounded, fairly well sorted to poorly sorted, unconsolidated, with some grading to siltstone; brown, calcareous, very micaceous, sandy, tight; trace of siltstone and shale as above, with some interbedded clear fragmental chert.	2404	2490
Shale, red to brown, very argillaceous, ferruginous, silty, micaceous, firm; some green, gray, sub-waxy.	2490	2516
Sandstone, orange, fine to coarse-grained, sub-rounded to angular, unconsolidated, appears poorly sorted, conglomeratic; trace of clear to smoky translucent chert.	2516	2546
Shale, red to brown, very argillaceous, ferruginous, micaceous, silty, firm to brittle.	2546	2576

	FROM	TO
Sandstone, clear, orange, fine to coarse-grained, rounded to sub-angular, unconsolidated quartz grains, poorly sorted, conglomeratic, some very silty.	2576	2606
Shale, red to brown, very argillaceous, ferruginous, very micaceous, slightly calcareous, silty, firm to brittle; some grading to siltstone.	2606	2646
Limestone, pink, white, gray, dense, very fine crystalline to chalky, soft; abundant varicolored Chert.	2646	2672
Sandstone, clear to orange, very coarse-grained, rounded to sub-angular, unconsolidated.	2672	2684
Shale, red to brown, argillaceous, ferruginous, silty, micaceous.	2684	2694
Sandstone, gray, white, pink, fine-grained to coarse-grained, slightly calcareous, chalky, sub-angular, poorly sorted, micaceous, tight.	2694	2728
Shale, gray, green, brown, red, argillaceous, silty to sub-waxy, micaceous, firm; trace of limestone, brown, gray, purple, dense, micro-crystalline.	2728	2762
Sandstone, orange, frosted, fine-grained to coarse-grained, sub-rounded to sub-angular, fairly well sorted to poorly sorted, unconsolidated quartz grains.	2762	2796
Siltstone, red, brown, orange, very argillaceous, micaceous, sandy, tight.	2796	2816
Sandstone, siltstone, & shale with some interbedded, thin bedded limestone, brown, purple, white, pink, dense, very fine crystalline to micro-crystalline, soft, chalky, cherty, with occasional black inclusions.	2816	2896
Sandstone, orange, frosted, fine-grained to coarse-grained, rounded to sub-angular, unconsolidated.	2896	2910
Sandstone as above, siltstone as above, interbedded, thin bedded, varigated shale as above, limestone, gray, purple, brown, argillaceous, very fine crystalline to earthy, soft, chalky.	2910	2960
Siltstone, red to brown, orange, very argillaceous, ferruginous, very sandy to shaly, micaceous, calcareous, firm.	2960	2982
Shale, dark green to black, silty, calcareous, brittle, very argillaceous to very fine crystalline, firm, fissile.	2982	3002
Sandstone, white, buff, very fine-grained to medium-grained, calcareous, arkosic, slightly micaceous, clean, sub-rounded to sub-angular, poorly sorted, friable, with dull yellow mineral fluorescence, no cut. Abundant white, soft, chalky kaolinite.	3002	3074
Shale, red to brown, very argillaceous, ferruginous, silty, micaceous, slightly calcareous, brittle, firm.	3074	3094
Limestone, gray, tan, dense, aphanitic, massive, very argillaceous, micro-crystalline to earthy, chalky.	3094	3122
Sandstone, light gray, medium-grained to coarse-grained, limey, sub-rounded to angular, poorly sorted; abundant clear to smoky, angular, chert.	3122	3138
Limestone, light to dark gray, very argillaceous, very fine crystalline, slightly chalky, massive, some very silty to arenaceous; trace of sandstone as above with some becoming very silty.	3138	3198
Sandstone, light to medium gray, very fine-grained to fine-grained, calcareous, very micaceous, fairly well sorted, tight.	3198	3218
Limestone, dark gray, dense, argillaceous, micro-crystalline to slightly chalky, some interbedded sandstone as above, and green, gray shale.	3218	3246
Sandstone, white to light gray, very fine-grained to medium-grained, clean, micaceous, calcareous, sub-rounded to sub-angular, fairly well sorted, very friable with good intergrandular porosity, some brown, dead oil staining, blue to white and gold fluorescence, good cut.	3246	3316

	FROM	TO
Limestone as above, with some shale, red to brown, very argillaceous, silty, ferruginous, micaceous, possible cavings.	3316	3338
Limestone, light gray to dark gray, dense, hard, very fine crystalline to micro-crystalline and chalky massive, aphanitic, platy to blocky, some sucrosic, porous with bright yellow fluorescence, good streaming cut.	3338	3406
Limestone, light gray to dark gray, dense, very fine crystalline, dolomitic, siliceous in part, argillaceous, some slightly chalky; with thin bedded sandstone, white, light gray, very fine-grained to medium-grained, limey, sub-rounded, poorly sorted, no fluorescence.	3406	3472
Limestone as above, with some light gray, argillaceous, chalky, earthy.	3472	3482
Dolomite, dark gray, black, dense, hard, fine crystalline, silty, blocky.	3482	3504
Limestone, light gray, argillaceous, very fine crystalline to chalky.	3504	3516
Sandstone, orange, clear, fine-grained to coarse-grained, unconsolidated quartz grains.	3516	3526
Shale, red, very argillaceous, silty, micaceous, ferruginous, brittle, firm. Abundant orange to white kaolinite or Gypsum.	3526	3560
Sandstone, clear, orange, very coarse-grained, unconsolidated, sub-rounded to angular; appears poorly sorted, conglomeratic.	3560	3586
Limestone, light to dark gray, very fine crystalline to micro-crystalline, dense, massive, argillaceous, with abundant orange chert throughout.	3586	3610
Siltstone, red, very argillaceous, ferruginous, silty to sandy, micaceous, firm.	3610	3632
Dolomite, green, gray, dense, very fine crystalline to micro-crystalline, argillaceous, silty to shaly, blocky, some interbedded, red shale, siltstone and limestone as above.	3632	3682
Limestone, gray, white, dense, micro-crystalline to slightly chalky; abundant clear to frosted chert.	3682	3696
Sandstone,white, very fine-grained to fine-grained, very calcareous, clean, arkosic, with fair porosity, yellow fluorescence, very faint cut.	3696	3718
Shale, red, gray, green, very argillaceous, sub-waxy to silty, brittle, fissile to blocky; some interbedded, siltstone, sandstone, and limestone as above.	3718	3754
Limestone, gray, white, brown, dense, argillaceous, very fine crystalline, slightly chalky, yellow fluorescence, no cut.	3754	3782
Shale, red, argillaceous, ferruginous, some green, gray.	3782	3794
Sandstone, white to light gray, very fine-grained to medium-grained, calcareous, arkosic, micaceous, rounded to sub-angular, poorly sorted, tight.	3794	3810
Limestone, white to light gray, dense, argillaceous, micro-crystalline, slightly chalky massive, silty.	3810	3840
Sandstone, white to light gray, very fine-grained to fine-grained, very calcareous, clean, sub-rounded to sub-angular, well sorted to poorly sorted, cherty.	3840	3864
Dolomite, dark gray, very fine crystalline, dense, argillaceous, silty to shaly, micaceous, blocky.	3864	3908
Limestone, tan to white, dense, very fine crystalline to soft, chalky, oolitic.	3908	3918
Shale, red, argillaceous, ferruginous; dolomite, green, gray, shaly.	3918	3936
Limestone, gray, white, dense, micro-crystalline to chalky.	3936	3950
Sandstone, light gray, very fine-grained to fine-grained, calcareous, arkosic, clean, sub-rounded to sub-angular, micaceous, fairly well sorted, very friable, with no fluorescence; with interbedded, limestone and shale as above.	3950	3994

	FROM	TO
Shale and sandstone as above, interbedded with limestone, gray, brown, white, dense, very fine crystalline to micro-crystalline, platy to blocky.	3994	4022
Shale, varigated, red, green, gray, silty, earthy to sub-waxy, firm.	4022	4056
Limestone, light to medium gray, dense, argillaceous, micro-crystalline, becoming glauconitic.	4056	4066
Shale, varigated, silty, earthy to sub-waxy.	4066	4076
Limestone, white, gray, dense, argillaceous, micro-crystalline to earthy, soft; trace of dolomite, green, gray, dense, argillaceous, very fine crystalline to earthy.	4076	4132
Shale, predominantly red with some green, gray, argillaceous, earthy.	4132	4142
Limestone, medium to dark gray, brown, very fine crystalline to fine sucrosic, very silty to shaly, dolomitic, blocky.	4142	4170
Sandstone, white, gray, green, very fine-grained to medium-grained, calcareous, glauconitic, arkosic, micaceous, sub-rounded to sub-angular, fairly well sorted to poorly sorted, tight, with no fluorescence.	4170	4190
Limestone, buff to light gray, dense, micro-crystalline to chalky, massive, platy; trace of orange, translucent chert; shale, red to brown, very argillaceous, ferruginous, silty to sandy, possible cavings; limestone as above with some black inclusions.	4190	4316
Sandstone, white, buff, very fine-grained, very calcareous, clean, sub-rounded, fairly well sorted, trace of porosity, good blue to white fluorescence, good cut.	4316	4335
Sandstone as above.	4335	4344
Limestone, gray, hard, dense, argillaceous, micro-crystalline to very fine crystalline, blocky.	4344	4356
Limestone as above.	4356	4372
Limestone as above; with chert, clear, frosted, angular.	4372	4382
Limestone as above.	4382	4396
Limestone, light to medium gray, hard, dense, argillaceous, micro-crystalline to very fine crystalline, dolomitic in part, very shaly to silty in part.	4396	4416
Limestone as above.	4416	4424
Sandstone, white, gray, very fine-grained to medium-grained, clean, calcareous, sub-rounded to sub-angular, fairly well sorted, micaceous, fair intergrandular, porosity, bright yellow fluorescence, good cut.	4424	4448
Sandstone as above.	4448	4486
Dolomite, gray, argillaceous, hard, dense, micaceous, platy.	4486	4496
Sandstone, gray, very fine-grained to fine-grained, sub-rounded, silty in part, dolomitic, slightly arkosic, micaceous, friable, tight, dull yellow fluorescence, fair cut.	4496	4510
Sandstone as above.	4510	4542
Shale, red to brown, gray, green, very argillaceous, very silty, micaceous, ferruginous, some mottled, reddish gray, reddish green, blocky.	4542	4552
Shale as above.	4552	4596
Limestone, becoming predominantly dark gray, very dolomitic, hard, dense, slightly micaceous, very shaly.	4596	4610
Limestone, as above.	4610	4628
Sandstone, white, very fine-grained, calcareous, clean, micaceous, sub-rounded, tight, fairly well sorted, bright yellow fluorescence, good cut.	4628	4670
Sandstone, gray, very fine-grained to medium-grained, clean, arkosic, micaceous, sub-rounded to sub-angular, poorly sorted, no fluorescence.	4670	4684
Sandstone as above.	4684	4706

	FROM	TO
Limestone, light to dark gray, hard, dense, very fine crystalline to fine sucrosic, very sandy, argillaceous, blue to white fluorescence, good cut.	4706	4728
Limestone, as above.	4728	4751
Salt, clear, frosted, crystalline.	4751	4906
Shale, green, micaceous, fissile, firm, very silty to sandy, with some red to brown, ferruginous, argillaceous, silty, micaceous.	4906	4922
Sandstone, white, gray, very fine-grained to fine-grained, clean, sub-rounded to sub-angular, micaceous, poorly sorted, fair intergrandular porosity, blue to white, yellow fluorescence, fair cut.	4922	4938
Sandstone, as above.	4938	4968
Limestone, gray, dense, hard, very sucrosic, micro-crystalline to fine crystalline, blocky.	4968	4978
Salt, clear.	4978	5206
Shale, black, firm, carbonaceous, brittle, micaceous, blocky, some silty, hard.	5206	5228
Sandstone, gray, very fine-grained to fine-grained, slightly calcareous, sub-rounded to sub-angular, tight, silty, fairly well sorted, no fluorescence.	5228	5240
Shale, as above.	5240	5260
Sandstone, as above.	5260	5276
Limestone, gray, brown, argillaceous, hard, dense, micro-crystalline to fine crystalline, sucrosic in part, dolomitic, blocky.	5276	5290
Salt, clear, frosted, with some free pyrite.	5290	5410
Anhydrite, soft, white, gummy, some crystalline.	5410	5422
Shale, black, hard, brittle, carbonaceous, micaceous.	5422	5432
Sandstone, gray, buff, very fine-grained, silty, sub-rounded to rounded, poorly sorted, friable, yellow fluorescence, very faint cut, intergrandular porosity.	5432	5442
Sandstone, as above.	5442	5470
Shale, as above.	5470	5484
Anhydrite, white, clear, crystalline, thin bedded.	5484	5488
Salt, clear, frosted.	5488	5590
Anhydrite, white, soft, crystalline, thin bedded.	5590	5600
Shale, black, soft, silty, micaceous, very dolomitic. carbonaceous, blocky.	5600	5638
Salt, clear, white, frosted, some orange, ferruginous, staining, trace of pyrite.	5638	5726
Shale, black, carbonaceous, firm, brittle, silty, dolomitic, blocky, with abundant white, crystalline, thin bedded anhydrite.	5726	5740
Salt, frosted with some clear, white, trace of pink.	5740	5838
Shale, black, carbonaceous, silty, firm, micaceous, brittle, blocky; anhydrite, white, clear, soft, crystalline, thin bedded, interbedded with shale.	5838	5854
Salt, frosted, clear.	5854	5890
Shale, black, carbonaceous, silty, firm, brittle, micaceous, blocky.	5890	5902
Salt, frosted, clear, white, crystalline.	5902	6004
Anhydrite, white, clear, shale, black, carbonaceous, firm, brittle, very dolomitic, silty, blocky.	6004	6050
Salt, clear, crystalline.	6050	6128
Anhydrite, white, crystalline; shale, black, dolomitic, carbonaceous, micaceous.	6128	6160
Anhydrite, white, clear, crystalline, blocky.	6160	6166
Salt, frosted, clear, white.	6166	6248
Shale, blck, firm, dolomitic, carbonaceous, silty, blocky, brittle.	6248	6254
Salt, as above.	6254	6278
Anhydrite, white, clear, crystalline.	6278	6312
Shale, black, micaceous, silty, brittle, carbonaceous, platy, dolomitic.	6312	6350
Anhydrite, frosted, crystalline, interbedded with salt, clear, frosted, white, crystalline.	6350	6402

	FROM	TO
Anhydrite, white, crystalline; shale, black, carbonaceous, silty, micaceous, very dolomitic, brittle, blocky.	6402	6460
Salt, as above.	6460	6470
Shale, black, carbonaceous, micaceous, silty, very dolomitic, blocky.	6470	6498
Salt, frosted, clear, white, crystalline.	6498	6556
Anhydrite, white, soft, blocky.	6556	6568
Shale, black, silty, very dolomitic, carbonaceous, firm, brittle, blocky.	6568	6592
Salt, clear, frosted, white, crystalline.	6592	6694
Shale, black, firm, carbonaceous, brittle, silty, micaceous, blocky.	6694	6708
Salt, clear, with some frosted, white, crystalline.	6708	6754
Anhydrite, as above; shale, as above.	6754	6768
Anhydrite, as above.	6768	6770
Siltstone, gray, very sandy, very dolomitic, tight, argillaceous, blocky.	6770	6778
Salt, white, clear, with some frosted, crystalline.	6778	6854
Anhydrite, white, soft to gummy, possible gypsum, some laminated with shale, black.	6854	6860
Shale, black, firm, carbonaceous, brittle, silty, micaceous, blocky.	6860	6886
Anhydrite, as above.	6886	6892
Salt, as above.	6892	6922
Shale, black, carbonaceous, firm, very dolomitic, silty, blocky.	6922	6936
Salt, clear, large; anhydrite, white, soft, gummy.	6936	6982
Salt, as above; anhydrite, as above.	6982	7024
Salt, frosted, white, clear, crystaline.	7024	7218
Anhydrite, white, soft, crystalline, thin bedded; salt as above.	7212	7244
Salt, frosted, clear, white, crystalline.	7244	7288
Anhydrite, soft, white; shale, as above.	7288	7296
Anhydirte, as above.	7296	7306
Shale, as above.	7306	7310
Sandstone, gray, white, very fine-grained, clean, rounded, silty, well sorted, very friable, good intergrandular porosity, yellow fluorescence, no visible cut.	7310	7316
Shale, black, carbonaceous, firm, very dolomitic, silty, blocky.	7316	7326
Anhydrite, as above; salt as above.	7326	7354
Anhydrite, white, gummy, possible gypsum, blocky.	7354	7360
Salt, clear, with some frosted, white, crystalline.	7360	7426
Shale, black, micaceous, very dolomitic, carbonaceous, silty, blocky; salt, as above.	7426	7464
Anhydrite, soft, white, crystalline, thin bedded; shale, black, dolomitic, carbonaceous, very silty, micaceous, firm, brittle, blocky.	7464	7506
Salt, clear, frosted, white, crystalline.	7506	7550
Shale, black, carbonaceous, silty, very dolomitic, micaceous, with some interbedded, white, crystalline; anhydrite; salt, as above.	7550	7564
Salt, clear, frosted to white, crystalline.	7564	7780
Anhydrite, white, soft, crystalline.	7780	7790
Shale, as above.	7790	7794
Siltstone, gray, brown, very sandy, some limey, dirty, some yellow fluorescence, very faint cut; shale, black, firm, carbonaceous, silty, micaceous.	7794	7830

Form DOGC-4

RECEIVED
APR 22 1976
DIVISION OF OIL, GAS, & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. U-4730
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of: MAR 1976, 19____.

Agent's Address P.O. Box 11368
Salt Lake City, Utah 84139

Phone No. 534-5406

Company Mountain Fuel Supply Company
Signed D. Murphey
Title Manager General Accounting

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
				U-4730 - Klondike Unit Well No. 2						
NE SE 22	24S	19E	2	0	0	0	0	0	0	Spud January 25, 1976 TD 7,830' PBD 0 P & A March 4, 1976 Final Report

GAS: (MCF)
Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED IN DUPLICATE*